



Updated on Monday, March 15, 2021

COVID- 19 OVERVIEW

**Confirmed
COVID-19 Cases**

7123

**Recovered
COVID-19 Cases**

5566

**Deaths of Confirmed
COVID-19 Cases**

233

**Residents in
Quarantine**

536

**Residents in Isolation
(Active Cases)**

1324

**Average Daily of New Cases
per 100,000 (Last 14 Days)**

23.15 (Lower)

**Percent Positivity (Last 14
Days)**

2.84% (Lower)

**Average Daily Test Rate per
1,000**

11.28

**Residents With at Least One
Dose COVID-19 Vaccine**

23856

**Residents Fully
Vaccinated**

8320



CITY OF FRAMINGHAM
Public Health Department



Public Health
Prevent. Promote. Protect.

(508) 532-5470
health@framinghamma.gov
www.framinghamma.gov

MEMORIAL BUILDING
150 Concord Street, Room 205
Framingham, MA 01702

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This data analysis provides more information about Framingham residents who have received positive COVID-19 test results and the number of vaccine doses administered. This report includes cases and deaths in Long Term Care Facilities, and more. Please note that negative test results are not reported. Access to testing continues to be a challenge for many residents across the Commonwealth. This data analysis is intended to help us better understand the situation at the current time, and guide efforts to mitigate further disease transmission. This analysis is not a predictor of future trends. It will be updated weekly as additional positive cases are reported.

Terms and Definitions:

1. Average Daily Incidence Rate per 100,000 Color Calculations: Last 14 days = 03/01/2021 to 03/15/2021. **Grey:** Less than or equal to 15 total cases in the last 14 days; **Green:** Average daily new confirmed case rate over the last 14 days: <10 cases per 100,000 population AND >15 total cases; **Yellow:** Average daily new confirmed case rate over the last 14 days: ≥ 10 cases per 100,000 population OR $\geq 4\%$ positivity rate; **Red:** Average daily new confirmed case rate over the last 14 days: ≥ 10 cases per 100,000 population AND $\geq 4\%$ positivity rate.
2. Last 14 days = 02/28/2021 to 03/13/2021
3. Change in percent positivity of all PCR tests conducted on Framingham residents compared to the previous week's (03/11/2021) report. This is based on total PCR molecular tests performed.
4. Average number of tests per day taken by Framingham residents within the past 14 days, per 1,000 population. Past 14 days = 03/01/2021 to 03/15/2021. As a reference, the State's number is around 12.91
5. Residents fully vaccinated: An individual is counted as fully vaccinated if they have received the number of doses required to complete the COVID-19 vaccine series. This is measured as the total number of 2nd doses of Moderna and Pfizer administered and reported plus the total number of Janssen/Johnson & Johnson doses administered and reported.
6. Residents with at least 1 dose: An individual is counted as having at least 1 dose if they have received one or more doses of vaccine. This is measured as the total number of 1st doses of Moderna and Pfizer vaccine administered and reported, plus the total number of Janssen/Johnson & Johnson doses administered and reported.
7. MIIS: Immunization data from most (but not all) providers in Massachusetts are reported into the Massachusetts Immunization Information System (MIIS) through direct messages from electronic health records or direct entry by users. Due to inputting and processing, it may take 24-48 hours or more for shipping or administration data to appear in MIIS. MIIS data are available for analysis one calendar day after they are reported to the MIIS. Data are current as of time of publication and may be subject to change in future publications as additional data are reported.



Updated on Monday, March 15, 2021

Table of Contents

Residents with at Least One Vaccine Dose Administered by Age Group.....	page 4
Residents with at Least One Vaccine Dose Administered by Race/Ethnicity.....	page 5
Residents with at Least One Vaccine Dose Administered by Sex.....	page 6
Daily Confirmed, Active, Recovered Cases and Deaths.....	page 7
Count of Residents Tested	page 8
Percent of Positive Results Among Residents who were Tested.....	page 9
Weekly Median Age of Confirmed COVID-19 Cases.....	page 10
COVID-19 Cases in Community Setting.....	page 11
14-Day Average of Positive New Cases per 100,000 Population.....	page 12
Cases and Case Rate by Age Group in Community Setting.....	page 13
Cases and Case Rate by Age Group Last 14-Days in Community Setting.....	page 14
Deaths and Death Rate by Age Group in Community Setting	page 15
Percentage of Cases and Case Rate by Race/Ethnicity in Community Setting	page 16
Deaths and Death Rate by Race/Ethnicity in Community Setting	page 17
Cases by Primary Language in Community Setting.....	page 18
Community Setting with known COVID-19 Cases.....	page 19
COVID-19 Cases in Long-Term Care (LTC) Facilities.....	page 20
Deaths in LTC Facilities from 2015-2020.....	page 21
Assisted Living Residences with Known COVID Cases.....	page 22
COVID-19 Cases in Correctional Facilities.....	page 23

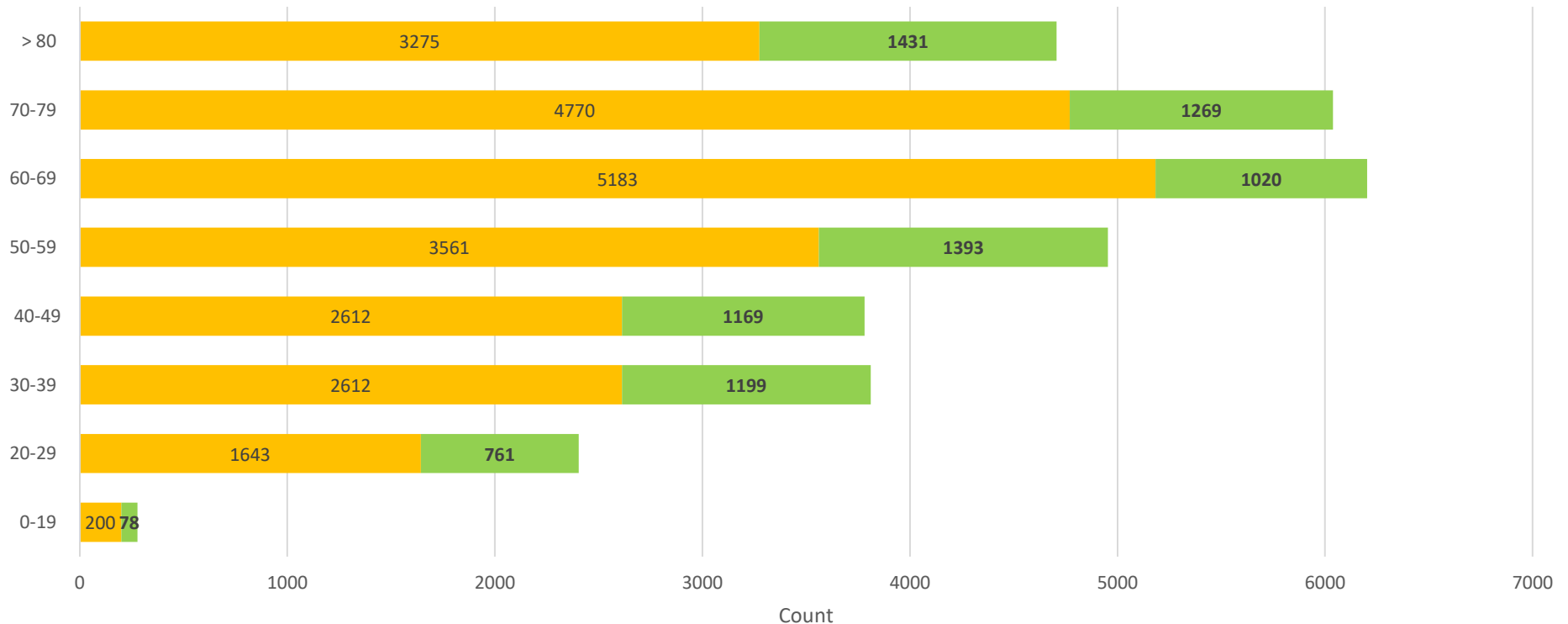


Updated on Monday, March 15, 2021

Residents with at Least One Vaccine Dose Administered by Age Group

Individuals with at Least one Dose Administered by Age Group

■ Individuals who are Partially Vaccinated ■ Individuals who are Fully Vaccinated



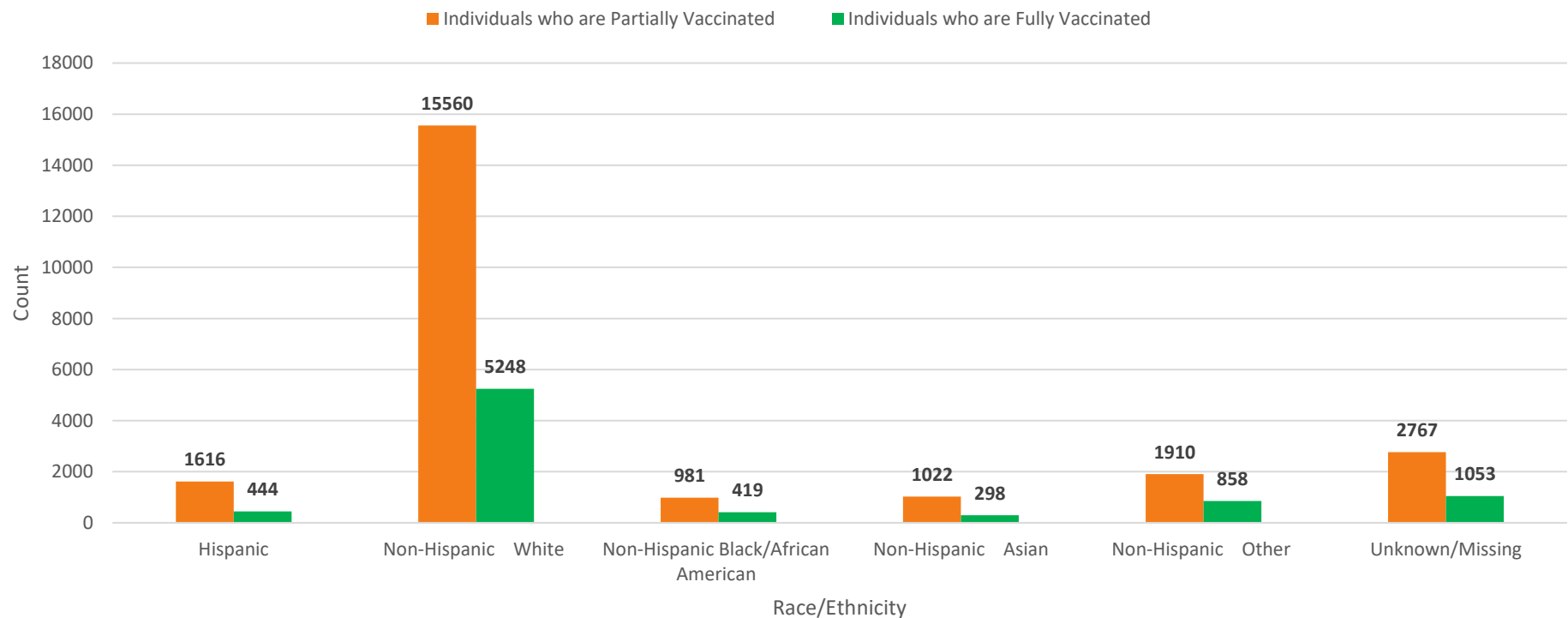
Data Sources: Data from IVHS. Data reflect doses administered and reported, including Janssen/Johnson & Johnson beginning on 3/5/21. An individual is counted as partially vaccinated if they have received only the 1st dose of a two-dose vaccine (currently Moderna and Pfizer). An individual is counted as fully vaccinated if they have received the 2nd dose of Moderna or Pfizer or have received a dose of Janssen/Johnson & Johnson vaccine. These are mutually exclusive populations. Some individuals may receive a first or second dose of Moderna or Pfizer from a non-reporting provider and would not be included as fully vaccinated. Tables and Figures created by the Framingham Department of Public Health



Updated on Monday, March 15, 2021

Residents with at Least One Vaccine Dose Administered by Race/Ethnicity

VACCINES ADMINISTERED BY RACE/ETHNICITY



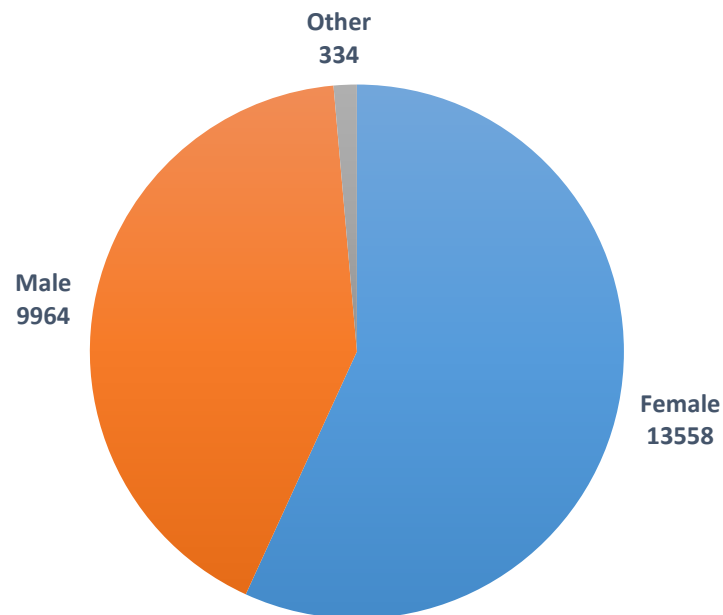
Data Sources: Data from MIIS. Data reflect doses administered and reported, including Janssen/Johnson & Johnson beginning on 3/5/21. An individual is counted as partially vaccinated if they have received only the 1st dose of a two-dose vaccine (currently Moderna and Pfizer). An individual is counted as fully vaccinated if they have received the 2nd dose of Moderna or Pfizer or have received a dose of Janssen/Johnson & Johnson vaccine. These are mutually exclusive populations. Some individuals may receive a first or second dose of Moderna or Pfizer from a non-reporting provider and would not be included as fully vaccinated. Tables and Figures created by the Framingham Department of Public Health



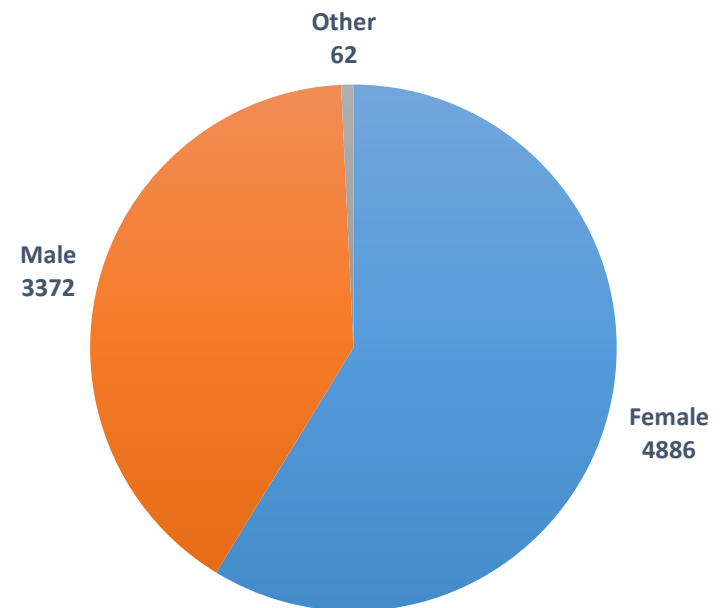
Updated on Monday, March 15, 2021

Residents with at Least One Vaccine Dose Administered by Sex

Number of Residents who are Partially Vaccinated by Sex



Number of Residents who are Fully Vaccinated by Sex

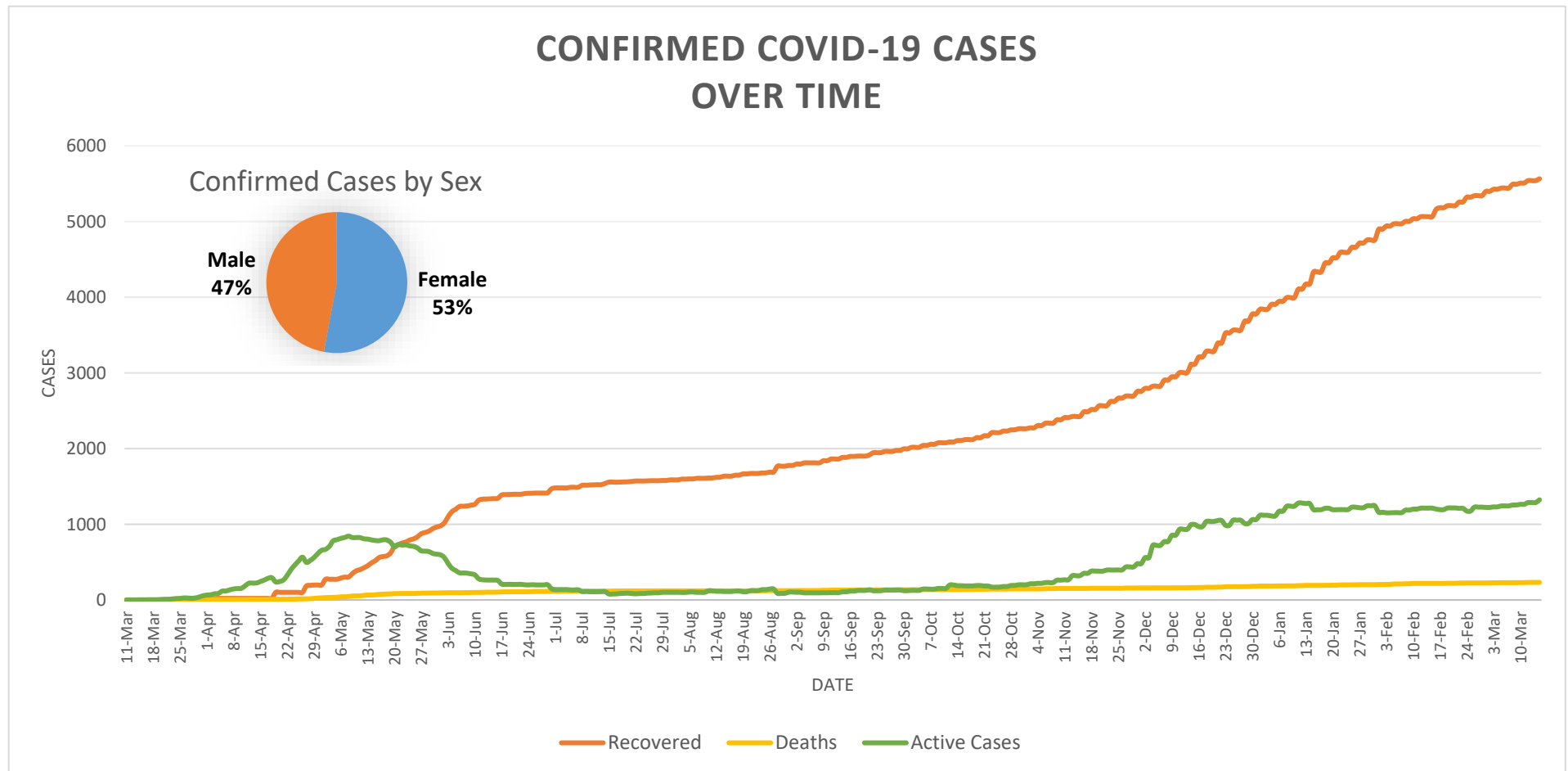


Data Sources: Data from MIIS. Data reflect doses administered and reported, including Janssen/Johnson & Johnson beginning on 3/5/21. An individual is counted as partially vaccinated if they have received only the 1st dose of a two-dose vaccine (currently Moderna and Pfizer). An individual is counted as fully vaccinated if they have received the 2nd dose of Moderna or Pfizer or have received a dose of Janssen/Johnson & Johnson vaccine. These are mutually exclusive populations. Some individuals may receive a first or second dose of Moderna or Pfizer from a non-reporting provider and would not be included as fully vaccinated. Tables and Figures created by the Framingham Department of Public Health



Updated on Monday, March 15, 2021

Daily Confirmed, Active, Recovered Cases and Deaths



Data Sources: COVID-19 Data provided by the Bureau of Infectious Disease and Laboratory Sciences; Tables and Figures created by the Framingham Department of Public Health

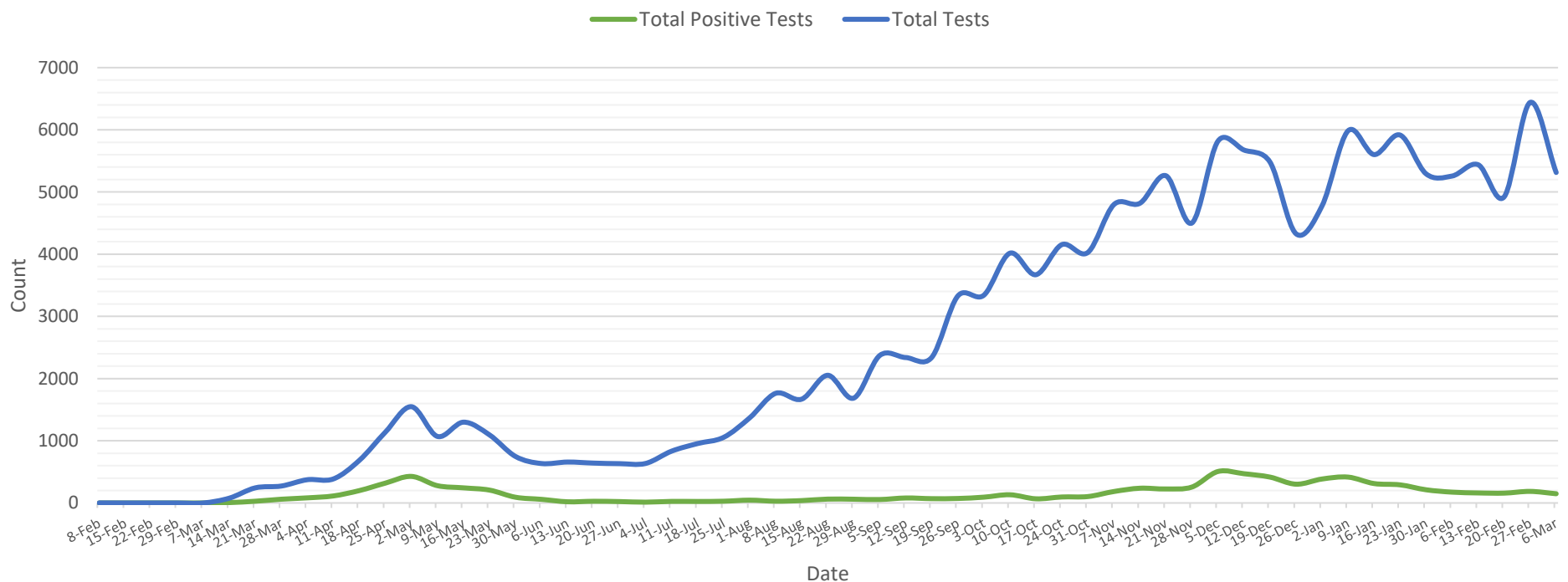


Updated on Monday, March 15, 2021

Count of Residents Tested¹

January 1, 2020 to March 6, 2021

COVID-19 TESTS OVER TIME



Data Sources: COVID-19 Data provided by the Bureau of Infectious Disease and Laboratory Sciences; Tables and Figures created by the Framingham Department of Public Health

¹Please note these numbers and rates reflect the number of persons tested, not the total tests performed, as of March 03, 2021. One person may have multiple tests.

These numbers are based on information available in the DPH surveillance database at a single point in time. Case counts change throughout the day as data cleaning occurs (removal of duplicate reports within the system) and new demographic information is obtained.

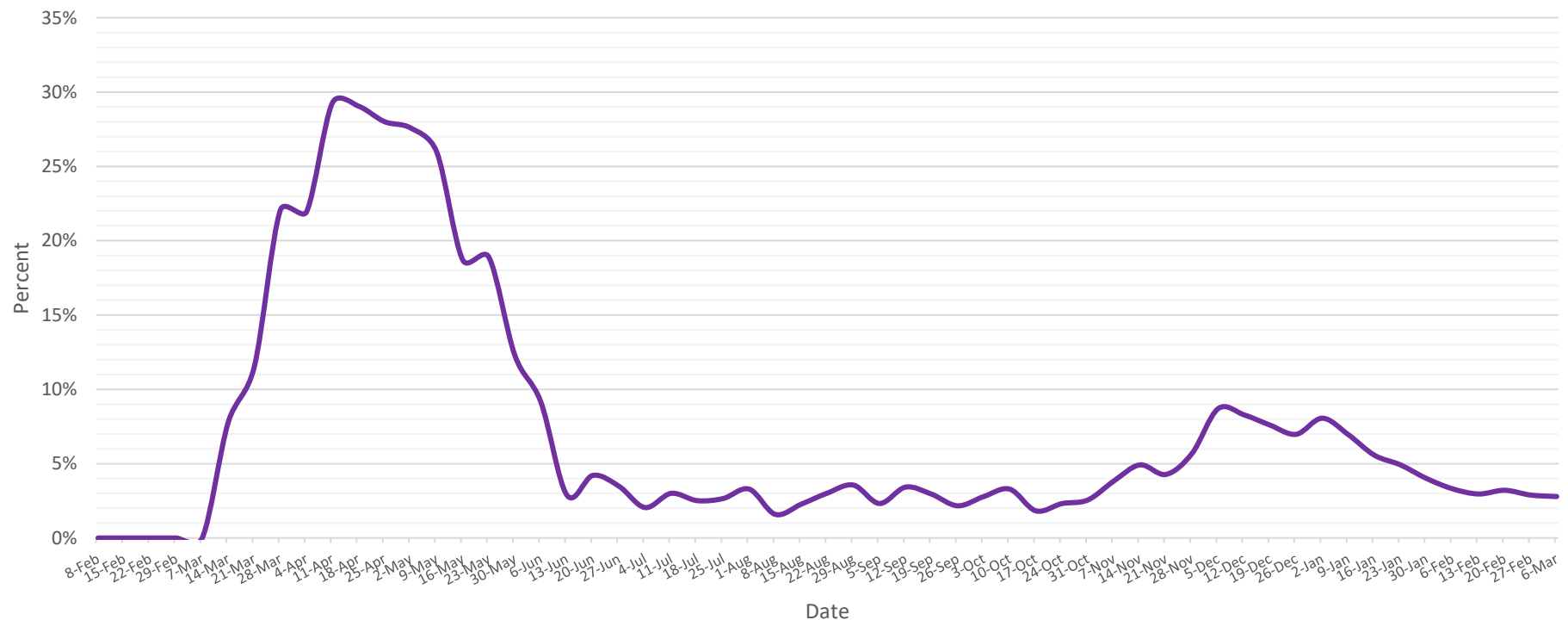


Updated on Monday, March 15, 2021

Percent of Positive Results Among Residents who were Tested¹

January 1, 2020 to March 6, 2021

PERCENT POSITIVE COVID-19 TESTS OVER TIME



Data Sources: COVID-19 Data provided by the Bureau of Infectious Disease and Laboratory Sciences; Tables and Figures created by the Framingham Department of Public Health

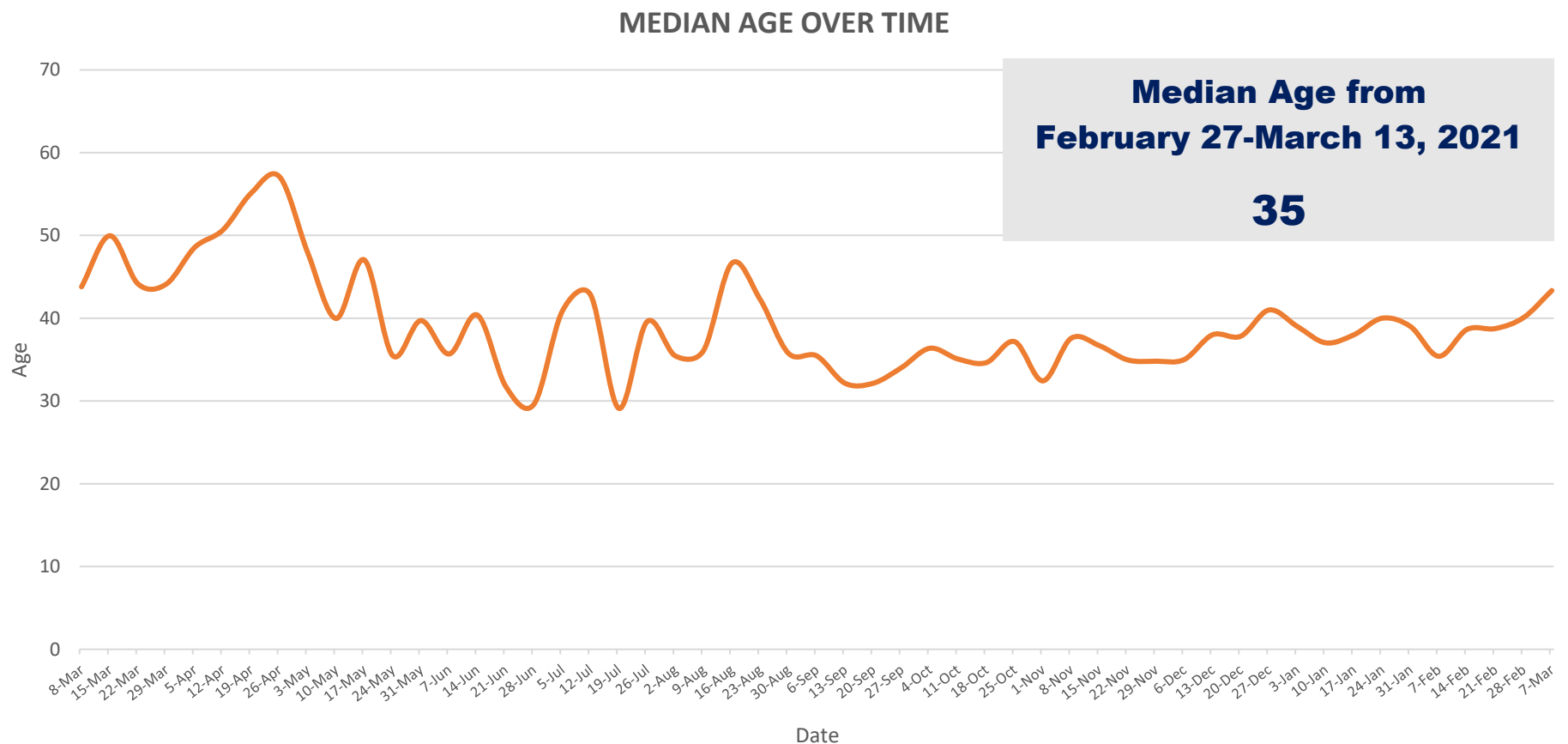
¹Please note the percentage reflect the number of persons tested, not the total tests performed, as of March 03, 2021. One person may have multiple tests.

These numbers are based on information available in the DPH surveillance database at a single point in time. Case counts change throughout the day as data cleaning occurs (removal of duplicate reports within the system) and new demographic information is obtained.



Updated on Monday, March 15, 2021

Weekly Median Age of Confirmed COVID-19 Cases



Calculated as median age of new confirmed positive cases of residents of Framingham as reported by the MA Department of Public Health.

Data Sources: COVID-19 Data provided by the Bureau of Infectious Disease and Laboratory Sciences; Tables and Figures created by the Framingham Department of Public Health



Updated on Monday, March 15, 2021

COVID-19 Cases in Community Setting*

**Confirmed Cases of
COVID-19 Reported in the
Community Setting**

6516

**COVID-19 Deaths
Reported in the
Community Setting**

73

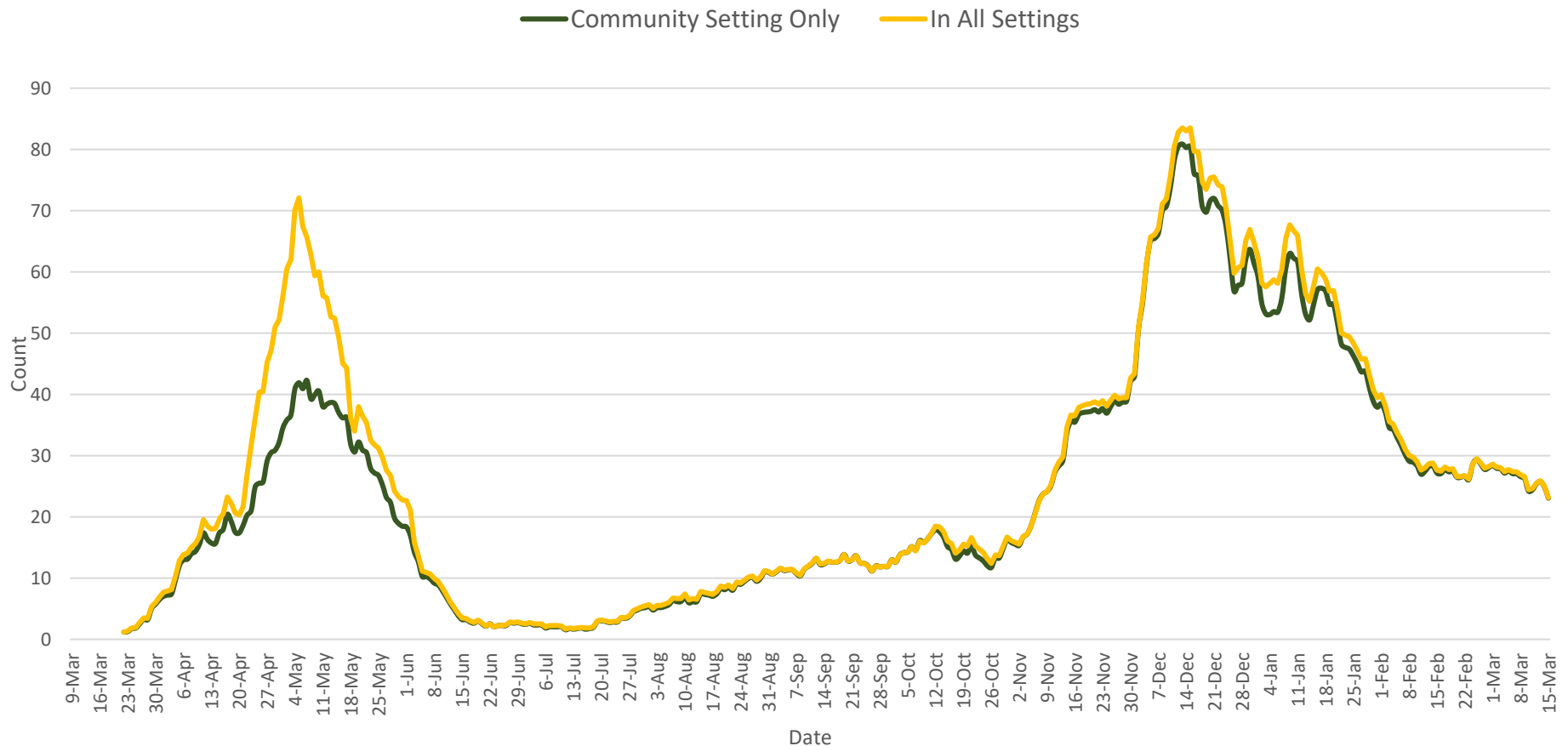
Data Sources: COVID-19 Data provided by the Bureau of Infectious Disease and Laboratory Sciences; Tables and Figures created by the Framingham Department of Public Health.

Note: *Community Setting does not include Long Term Care (Nursing Homes and Assisting Living Residences) and Correctional Facilities.



Updated on Monday, March 15, 2021

14-Day Average of Positive New Cases per 100,000 Population



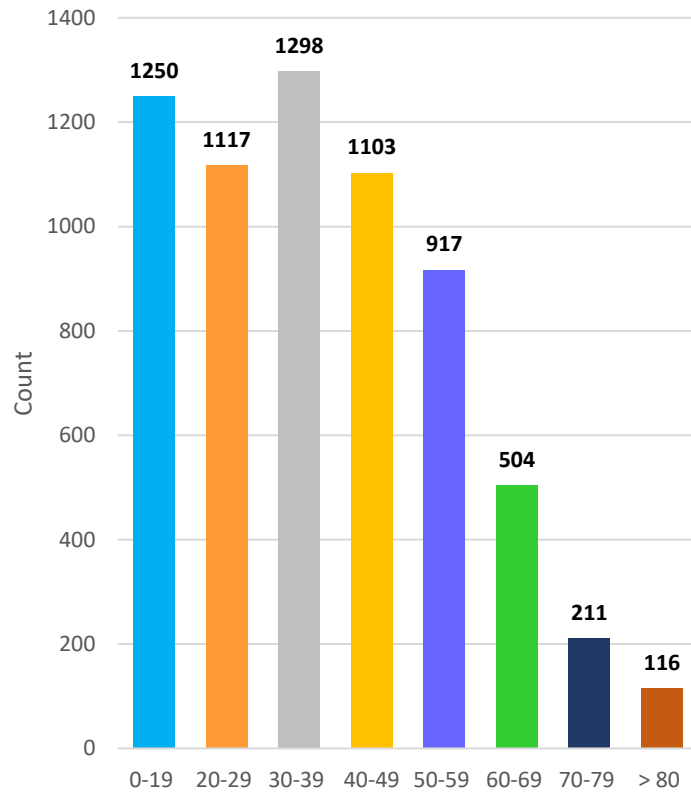
Calculated as 14-day averages of new confirmed positive cases per 100,000 population of residents of Framingham as reported by the MA Department of Public Health.
Data Sources: COVID-19 Data provided by the Bureau of Infectious Disease and Laboratory Sciences; Tables and Figures created by the Framingham Department of Public Health



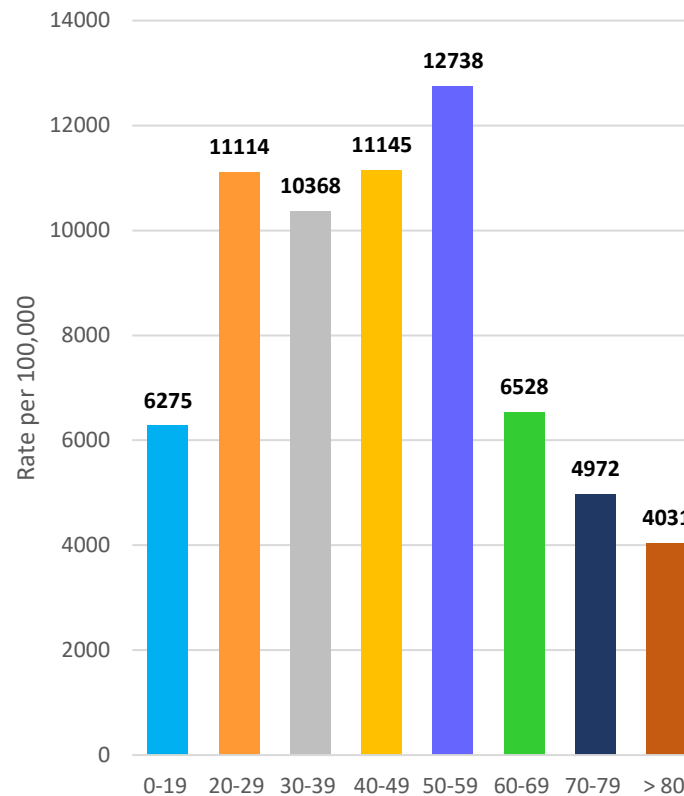
Updated on Monday, March 15, 2021

Cases and Case Rate by Age Group in Community Setting

Confirmed COVID-19 Cases by Age Group



Rate (per 100,000) of COVID-19 Cases by Age Group



**Median Age
of Confirmed
COVID-19
Cases***
37

Data Sources: COVID-19 Data provided by the Bureau of Infectious Disease and Laboratory Sciences, U.S. Census Bureau: Age Population Estimates 2010-2019, version 2019; Tables and Figures created by the Framingham Department of Public Health.

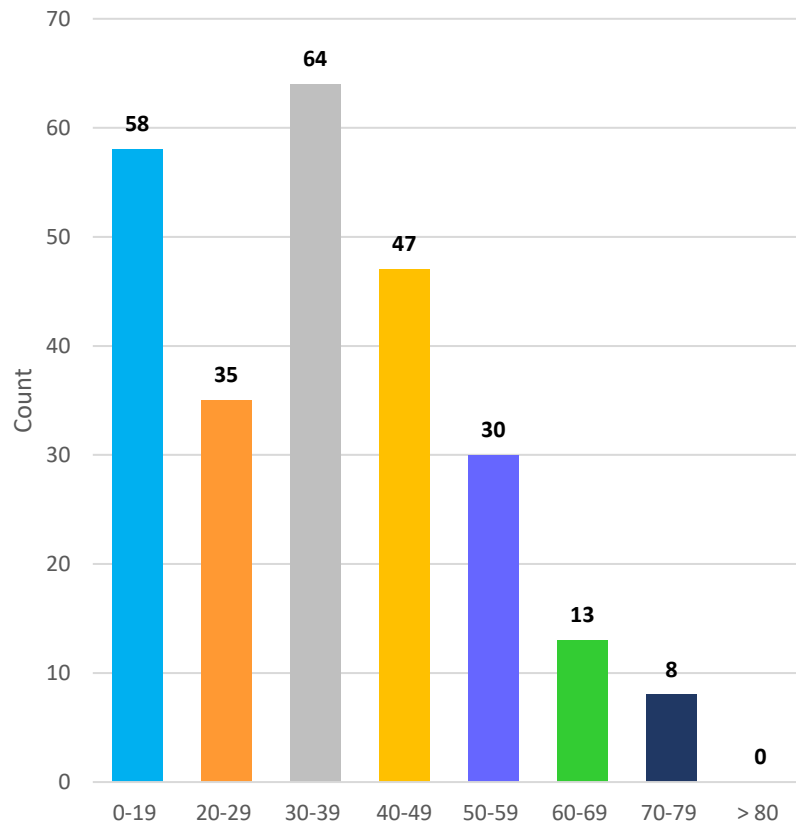
* Median Age of Confirmed COVID-19 Cases from March 01, 2020 to March 15, 2021 in Community Setting only.



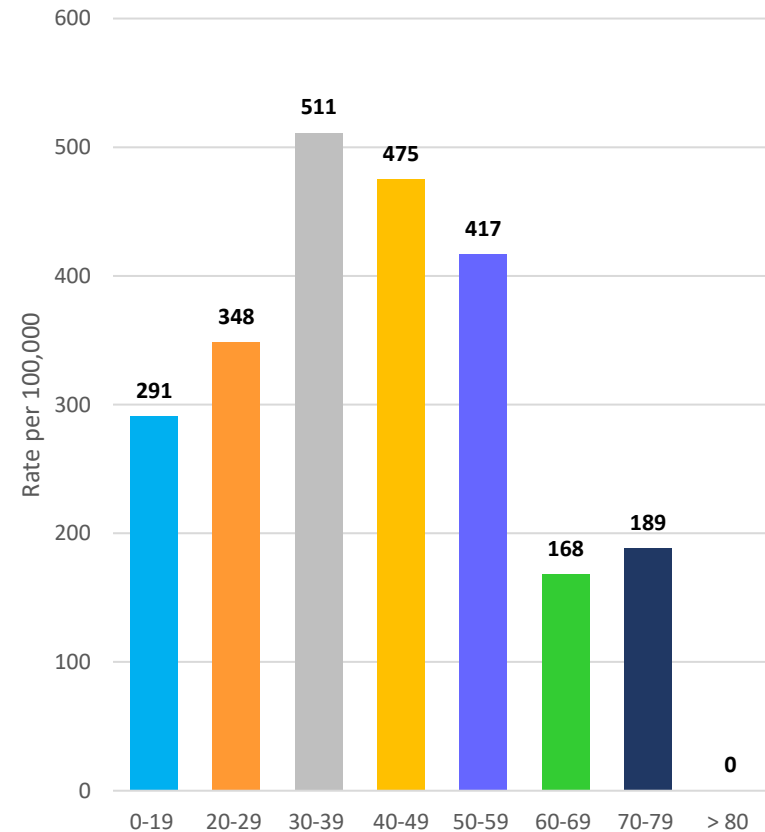
Updated on Monday, March 15, 2021

Cases by Age Group Last 14-Days in Community Setting

Confirmed COVID-19 Cases by Age Group
Last 14-Days



Rate (per 100,000) of COVID-19 Cases by
Age Group Last 14-Days



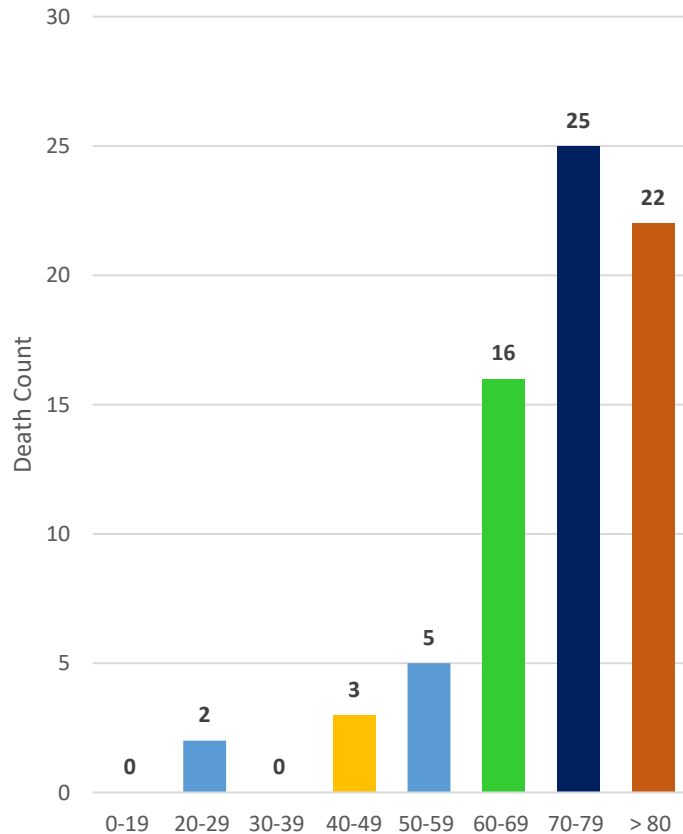
Data Sources: COVID-19 Data provided by the Bureau of Infectious Disease and Laboratory Sciences, U.S. Census Bureau: Age Population Estimates 2010-2019, version 2019; Tables and Figures created by the Framingham Department of Public Health.



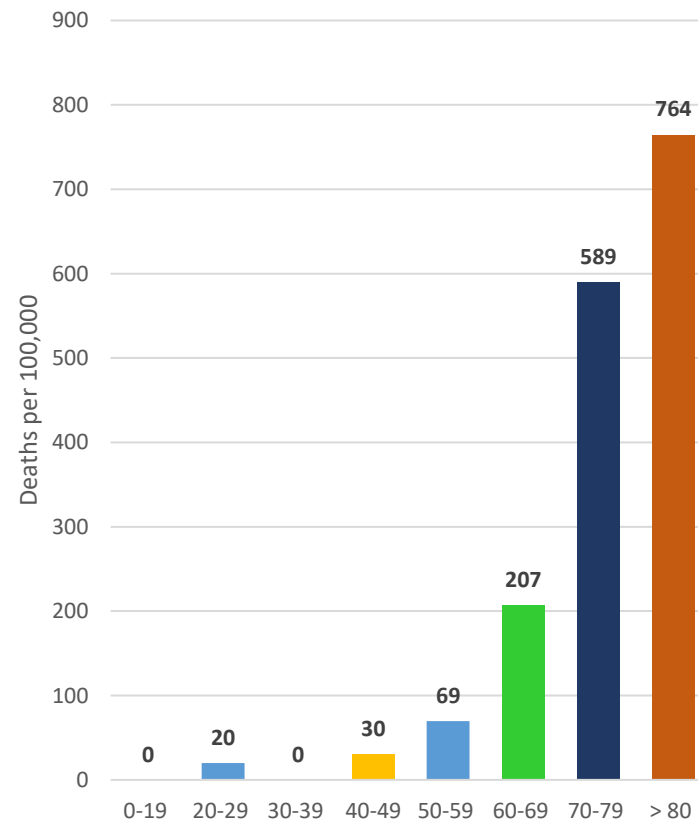
Updated on Monday, March 15, 2021

Deaths and Death Rate by Age Group in Community Setting

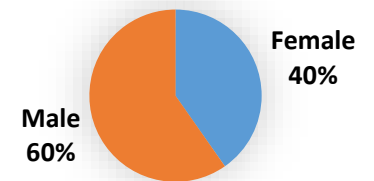
Deaths by Age Group in Confirmed COVID-19 Cases



Death Rate (per 100,000) of COVID-19 Cases by Age Group



Deaths by Sex



**Median Age
of Deaths in
confirmed
COVID-19
Cases***

74

Data Sources: COVID-19 Data provided by the Bureau of Infectious Disease and Laboratory Sciences and U.S. Census Bureau: Age Population Estimates 2010-2019, version 2019; Tables and Figures created by the Framingham Department of Public Health.

* Median Age of Death in Confirmed COVID-19 Cases from March 01, 2020 to March 15, 2021 in Community Setting only.



Updated on Monday, March 15, 2021

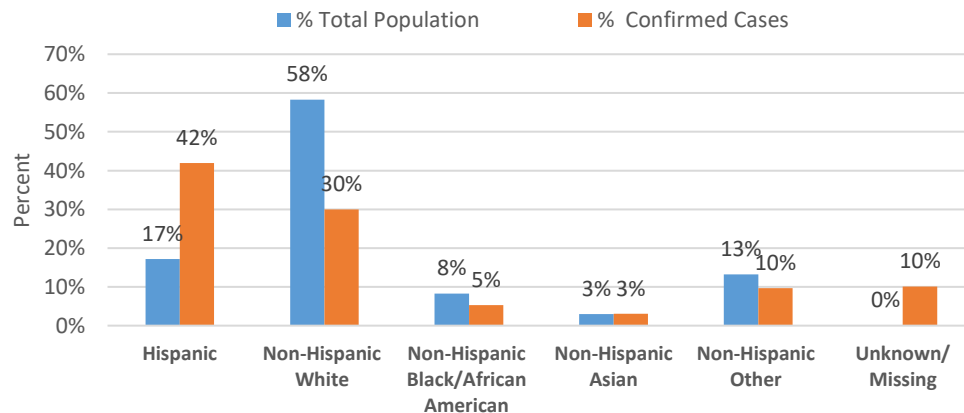
Percentage of Cases and Case Rate by Race/Ethnicity in Community Setting

The following caveats apply to these data:

1. Information on race and ethnicity is collected and reported by laboratories, healthcare providers and local boards of health and may or may not reflect self-report by the individual case.
2. If no information is provided by any reporter on a case's race or ethnicity, MDPH classifies it as missing.
3. A classification of unknown indicates the reporter did not know the race and ethnicity of the individual, the individual refused to provide information, or that the originating system does not capture the information.
4. Other indicates multiple races or that the originating system does not capture the information.

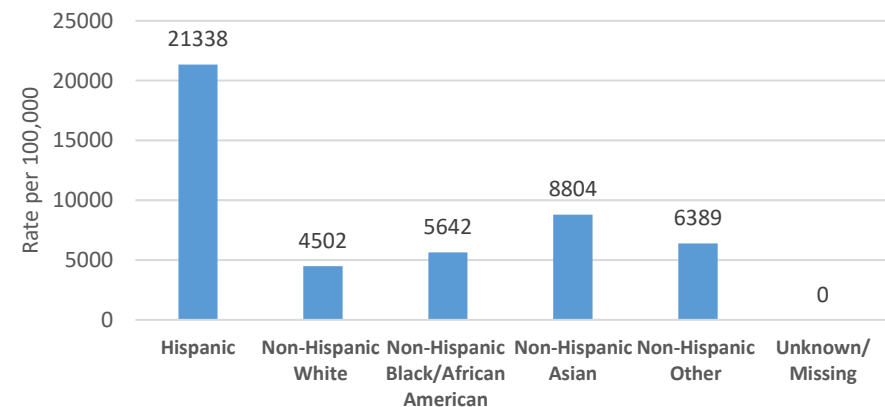
Note: COVID-19 testing is currently conducted by dozens of private labs, hospitals, and other partners and the Massachusetts Department of Public Health is working with these organizations and to improve data reporting by race and ethnicity, to better understand where, and on whom, the burden of illness is falling so the Commonwealth can respond more effectively. On 4/8, the Commissioner of Public Health issued an Order related to collecting complete demographic information for all confirmed and suspected COVID-19 patients

Percentage of Total Population and Percent of Cases by Race/Ethnicity



- Non-Hispanic White represent 58% of the City of Framingham population and less than half of that proportion of cases at 30% of COVID-19 cases
- Hispanics represent 17% of the City of Framingham population but more than 2x that proportion of cases at 42% of COVID-19 cases
- Disparity between Whites and non-white populations would be even higher except many residents of Brazilian descent describe themselves as white.

Rate (per 100,000) of COVID-19 Cases by Race/Ethnicity



- The highest rates of positive cases are among Hispanics, Non-Hispanics Black/African American, Non-Hispanics Other and Non-Hispanics Asian which are more than 3x higher than the rate for White non-Hispanic
- Disparity between Whites and non-white populations would be even higher except many residents of Brazilian descent describe themselves as white.



Updated on Monday, March 15, 2021

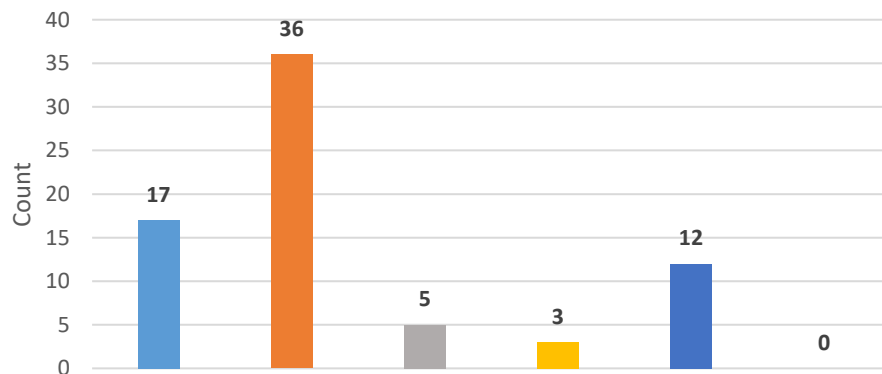
Deaths and Death Rate by Race/Ethnicity in Community Setting

The following caveats apply to these data:

1. Information on race and ethnicity is collected and reported by laboratories, healthcare providers and local boards of health and may or may not reflect self-report by the individual case.
2. If no information is provided by any reporter on a case's race or ethnicity, MDPH classifies it as missing.
3. A classification of unknown indicates the reporter did not know the race and ethnicity of the individual, the individual refused to provide information, or that the originating system does not capture the information.
4. Other indicates multiple races or that the originating system does not capture the information.

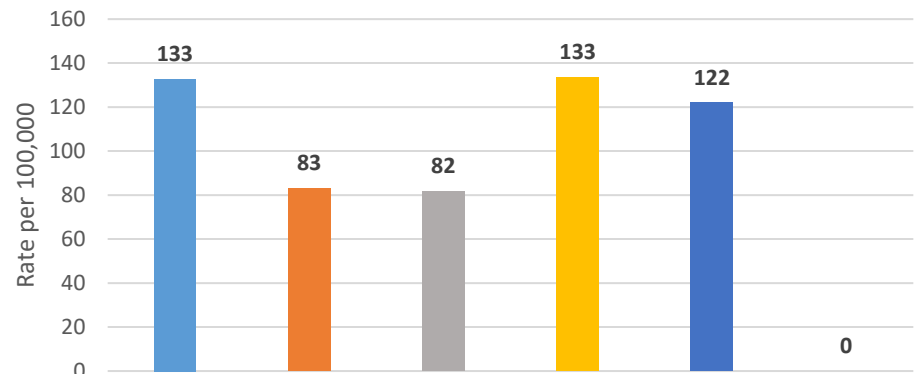
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Deaths by Race/Ethnicity in Confirmed COVID-19 Cases



- Count of Non-Hispanic White population is significantly higher than the other populations
- Disparity between Whites and non-White populations would be even higher since many residents of Brazilian descent describe themselves as white. See Page 14 on Primary Language.

Death Rate (per 100,000) of COVID-19 Cases by Race/Ethnicity



- The highest death rates of positive cases are among Hispanic, non-Hispanic Asian and non-Hispanic Black/African
- Disparity between Whites and non-White populations would be even higher since many residents of Brazilian descent describe themselves as white.

■ Hispanic ■ Non-Hispanic White ■ Non-Hispanic Black/African American ■ Non-Hispanic Asian ■ Non-Hispanic Other ■ Unknown/Missing



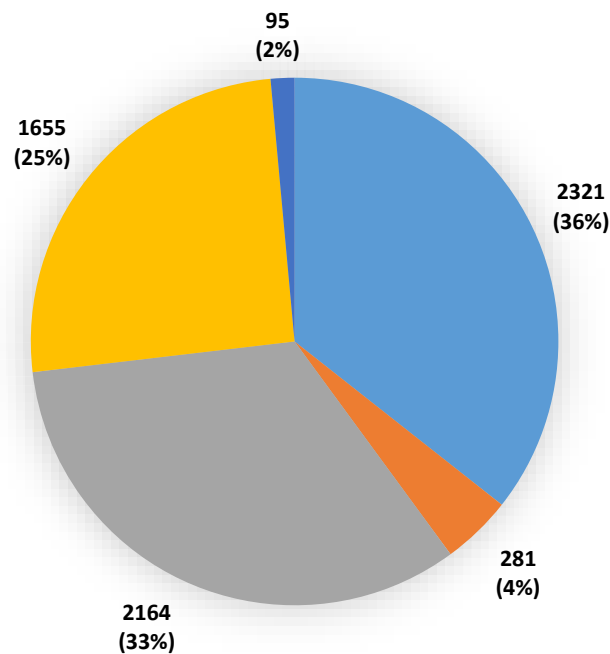
Updated on Monday, March 15, 2021

Cases by Primary Language in Community Setting

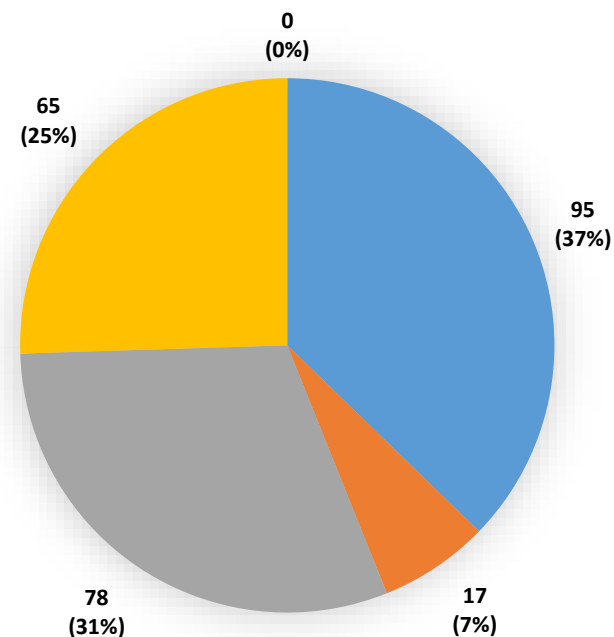
The following caveats apply to this data:

1. Information on primary language is identified by self-reported data point including: primary language, country of origin, and ethnicity
2. A classification of "Unknown" indicates the reporter has not been able to contact the individual or that the originating system does not capture the information.
3. "Other" indicates multiple primary languages not including English, Portuguese and Spanish.

Cases by Primary Language



Cases by Primary Language Last 14-Days



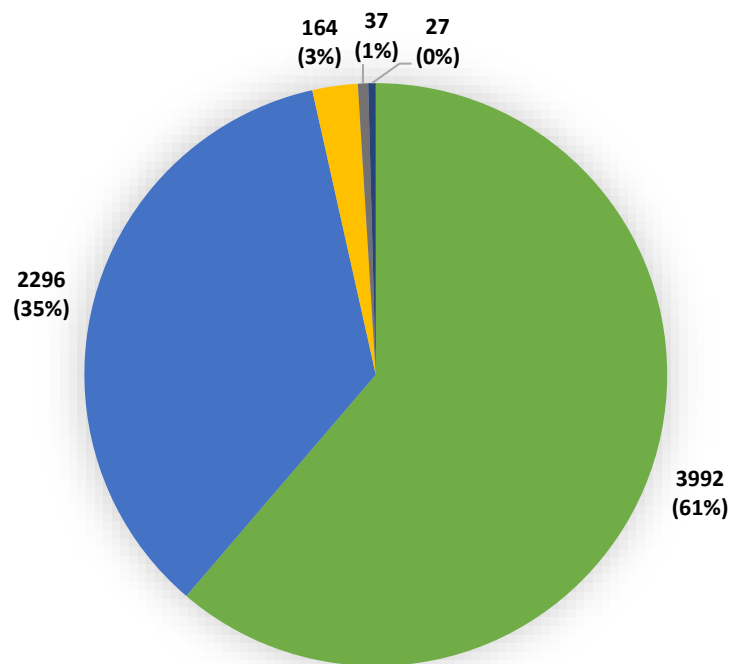
■ English ■ Other ■ Portuguese ■ Spanish ■ Unknown



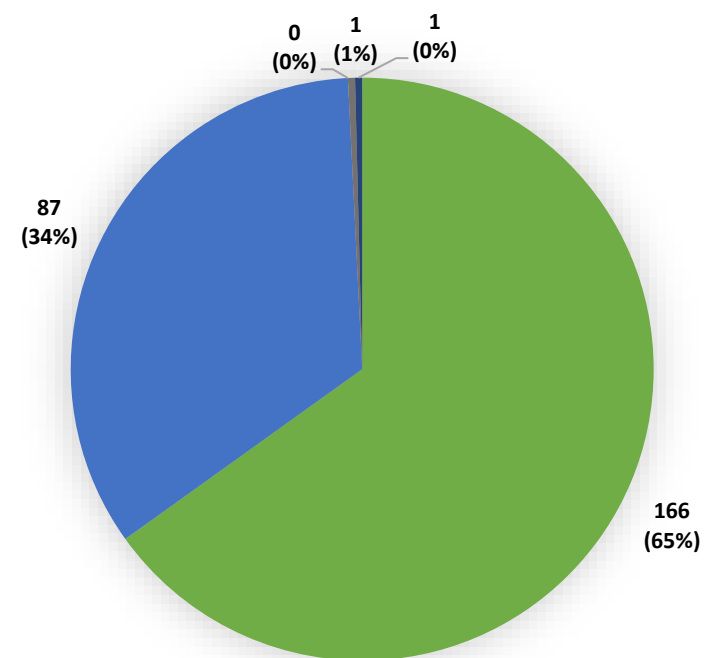
Updated on Monday, March 15, 2021

Community Setting with Known COVID Cases

Cases by Residential Setting



Cases by Residential Setting Last 14-Days



■ Multi-unit ■ Single Family ■ Congregate Homes ■ FSU ■ Unknown*

Data Sources: COVID-19 Data provided by the Bureau of Infectious Disease and Laboratory Sciences; Tables and Figures created by the Framingham Department of Public Health.

Note: Congregate Homes include rooming homes, group homes and shelters with at least 1 reported COVID-19 case to date. FSU means Framingham State University

* Address information for these cases are currently being obtained.



Updated on Monday, March 15, 2021

COVID-19 Cases in Long-Term Care (LTC) Facilities*

**Confirmed Cases of COVID-19
Reported in Long-Term Care
Facilities**

523

**COVID-19 Deaths Reported
in Long-Term Care
Facilities**

160

**Confirmed Cases of COVID-19
Reported in Long-Term Care
Facilities Over the Last 14 Days**

1

**COVID-19 Deaths Reported in
Long-Term Care Facilities Over
the Last 14 Days**

5

Data Sources: COVID-19 Data provided by the Bureau of Infectious Disease and Laboratory Sciences; Tables and Figures created by the Framingham Department of Public Health.

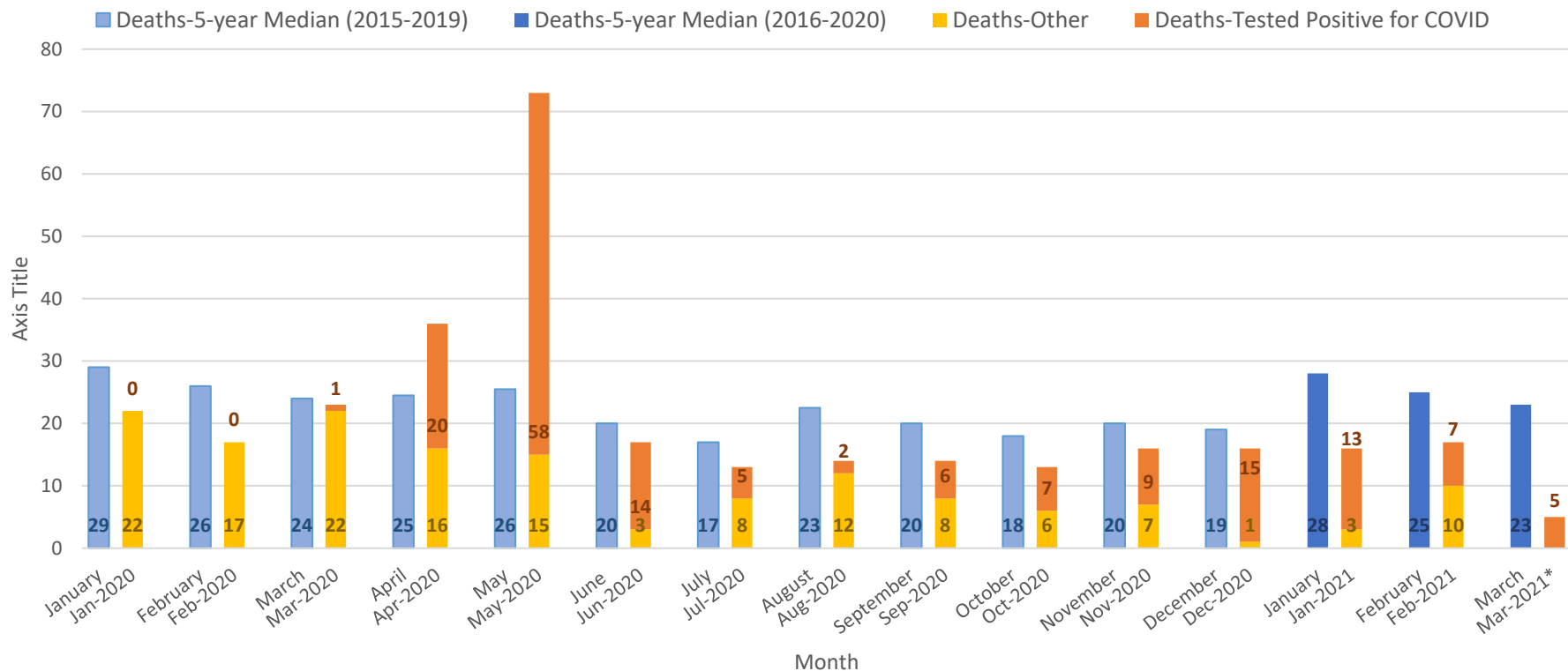
Note: *Long-term Care Facilities include Nursing Homes and Assisting Living Residences



Updated on Monday, March 15, 2021

Deaths in LTC Facilities from 2015-2021

LTC Facilities Deaths



[Click here for more information about Long Term Care Facilities on number of cases, deaths, testing information and state audits](#)

Data Sources: COVID-19 Data provided by the Bureau of Infectious Disease and Laboratory Sciences; Deaths in LTC Data provided by the City of Framingham Clerk's Office; Tables and Figures created by the Framingham Department of Public Health

*Count is as of March 15, 2021



Updated on Monday, March 15, 2021

Assisted Living Residences with Known COVID Cases

Facility	Maximum Capacity	Number of Confirmed Cases ¹
Branches of Framingham	104	1-10
Brookdale Cushing Park	116	>30
Carmel Terrace	76	1-10
Heritage House	102	11-30

Data Sources: COVID-19 Data provided by the Bureau of Infectious Disease and Laboratory Sciences and the Massachusetts Department of Public Health COVID-19 Dashboard; Tables and Figures created by the Framingham Department of Public Health.

Note: 1. Includes residents only. This list includes Assisted Living Residences with at least 1 reported COVID-19 case to date (residents only). The number of cases for a facility relies on the amount of testing conducted. Some facilities have tested some or all residents only; some have also tested staff. A low number of cases may reflect that not all residents and staff have been tested, not necessarily low prevalence.



Updated on Monday, March 15, 2021

COVID-19 Cases in Correctional Facilities*

**Confirmed Cases of
COVID-19 Reported in
Correctional Facilities**

84

**COVID-19 Deaths
Reported in
Correctional Facilities**

0

Data Sources: COVID-19 Data provided by the Bureau of Infectious Disease and Laboratory Sciences; Tables and Figures created by the Framingham Department of Public Health.

Note: * Inmates only